

JIM GIBBONS
Governor

STATE OF NEVADA

TONY LESPERANCE
Director



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DEPARTMENT OF AGRICULTURE

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Website: <http://www.agri.nv.gov>

Elko Office:
4780 E. Idaho Street
Elko, Nevada 89801-4672
(775) 738-8076
Fax (775) 738-2639

October 7, 2009

Greg Lovato
Bureau of Corrective Actions
NDEP
901 S. Stewart St.
Carson City, NV 89701

RECEIVED

OCT 09 2009

ENVIRONMENTAL PROTECTION

Dear Mr. Lovato:

Analytical reports for ground water samples collected from wells in Antelope Valley are attached. A total of six wells were sampled, five domestic and one agricultural. One sample duplicate was also collected.

Item number 1, located in the upper right of each report is the sample number. Seven water samples were split and sample numbers ending in "A" were analyzed by the Nevada Department of Agriculture pesticide lab. Sample numbers ending in "B" were submitted to Alpha Analytical, Inc. in Reno, Nevada.

Each laboratory tested water samples for a total of 94 different pesticide compounds. A list of compounds along with detection limits is attached at the end of each report. As we discussed, no pesticides were detected in any of the water samples.

Also included is a summary of field notes including GPS locations.

If you have any questions please feel free to call me any time.

Sincerely,

A handwritten signature in black ink that reads "Jon Carpenter".

Jon Carpenter
Environmental Scientist II
Nevada Department of Agriculture
(775) 353-3715
jcarp@agri.state.nv.us

Attachments

- NDOA report of analysis (7)
- NDOA compound and detection limit list (1)
- Alpha Analytical report of analysis (7)
- Alpha Analytical compound and detection limit list (7)
- Field note summary



UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460
REPORT OF ANALYSIS

1. SAMPLE NO. 09150921090101A	2. DATE COLLECTED 09/15/09
3. REGION 09/NV	4. EPA REG. NO.
5. ESTABLISHMENT NO.	

6. DESCRIPTION OF SAMPLE
Domestic well water sample collected into 1L amber glass jar submitted to NDOA pesticide lab

7. NAME AND ADDRESS OF ESTABLISHMENT WHERE SAMPLE WAS COLLECTED (Include ZIP Code) <div>Mr. Dennis Jamason Dennis Jamason Farm - Antelope Valley NV P.O. Box 85 Floriston, CA 96111</div>	8. PRODUCT NAME Domestic Well Water
	9. LOT OR CODE NUMBER(s)

10. NAME AND ADDRESS OF PRODUCER (If different from 7 above)(Include ZIP code)

11. RESULTS OF ANALYSIS

Analyst : C.L.Ritland (NDOA)

Date of Analysis : 9/24/2009

<u>Analyte</u>	<u>Method of Analysis</u>	<u>Found(µg/L)</u>
Pesticide Screen	NSDA - PST - AM - 003, HPLC-DAD	ND

This sample was analyzed and found to contain no detectable pesticides. See attached analyte list.
ug/L = Parts per billion

Sec.9(a) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended (7 U.S.C. 136g) requires that if an analysis is made of any sample collected in connection with the enforcement of the Act, a copy of the results of such analysis must be furnished promptly to the owner, operator or agent in charge of the establishment where the sample was collected. This section of the Act is quoted on the reverse of this form.

The information contained in this report should not be used in the labeling, advertising, or other promotion of the product analyzed.

Additional information regarding results of analysis may be obtained from the individual listed below.

NAME AND TITLE OF EPA OFFICIAL Christopher J. Mason, Ph.D., Lab Supervisor		ADDRESS OF REGIONAL OFFICE Nevada Department of Agriculture 350 Capitol Hill Avenue Reno Nevada 89502
PHONE NUMBER (775)688-1180	DATE 10/5/09	



UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460
REPORT OF ANALYSIS

1. SAMPLE NO. 09150921090201A	2. DATE COLLECTED 09/15/09
3. REGION 09/NV	4. EPA REG. NO.
5. ESTABLISHMENT NO.	

6. DESCRIPTION OF SAMPLE

Domestic well water sample collected into 1L amber glass jar submitted to NDOA pesticide lab.

7. NAME AND ADDRESS OF ESTABLISHMENT WHERE SAMPLE WAS COLLECTED (Include ZIP Code)

Mr. Dennis Jamason
Dennis Jamason Farm - Antelope Valley NV
P.O. Box 85
Floriston, CA 96111

8. PRODUCT NAME

Domestic Well Water

Ag

9. LOT OR CODE NUMBER(s)

10. NAME AND ADDRESS OF PRODUCER (If different from 7 above)(Include ZIP code)

11. RESULTS OF ANALYSIS

Analyst : C.L.Ritland (NDOA)

Date of Analysis : 9/24/2009

Analyte

Method of Analysis

Found(µg/L)

Pesticide Screen

NSDA - PST - AM - 003, HPLC-DAD

ND

This sample was analyzed and found to contain no detectable pesticides. See attached analyte list.
ug/L = Parts per billion

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Christopher J. Mason, Ph.D., Lab Supervisor

ADDRESS OF REGIONAL OFFICE

Nevada Department of Agriculture
350 Capitol Hill Avenue
Reno Nevada 89502

PHONE NUMBER

(775)688-1180

DATE

10/5/09



UNITED STATES
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WASHINGTON, DC 20460
REPORT OF ANALYSIS

1. SAMPLE NO. 09150921090301A	2. DATE COLLECTED 09/15/09
3. REGION 09/NV	4. EPA REG. NO.
5. ESTABLISHMENT NO.	

6. DESCRIPTION OF SAMPLE
Domestic well water sample from Bakker residence collected into 1L amber glass jar submitted to NDOA pesticide lab.

7. NAME AND ADDRESS OF ESTABLISHMENT WHERE SAMPLE WAS COLLECTED (Include ZIP Code)	8. PRODUCT NAME Domestic Well Water
<div>Ms. Melissa Bakker Bakker Hay Service Antelope Valley NV HC 61 Box 195 Battle Mountain, NV 89820</div>	9. LOT OR CODE NUMBER(s)

10. NAME AND ADDRESS OF PRODUCER (If different from 7 above)(Include ZIP code)

11. RESULTS OF ANALYSIS

Analyst : C.L.Ritland (NDOA)

Date of Analysis : 9/24/2009

<u>Analyte</u>	<u>Method of Analysis</u>	<u>Found(µg/L)</u>
Pesticide Screen	NSDA - PST - AM - 003, HPLC-DAD	ND

This sample was analyzed and found to contain no detectable pesticides. See attached analyte list.
ug/L = Parts per billion

Sec.9(a) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended (7 U.S.C. 136g) requires that if an analysis is made of any sample collected in connection with the enforcement of the Act, a copy of the results of such analysis must be furnished promptly to the owner, operator or agent in charge of the establishment where the sample was collected. This section of the Act is quoted on the reverse of this form.

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PHONE NUMBER (775)688-1180	DATE 10/5/09	



UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460
REPORT OF ANALYSIS

1. SAMPLE NO.
09150921090401A

2. DATE COLLECTED
09/15/09

3. REGION
09/NV

4. EPA REG. NO.

5. ESTABLISHMENT NO.

6. DESCRIPTION OF SAMPLE

Domestic well water sample from 440 Ranch collected into 1L amber glass jar submitted to NDOA pesticide lab.

7. NAME AND ADDRESS OF ESTABLISHMENT WHERE SAMPLE WAS COLLECTED (Include ZIP Code)

Ms. Melissa Bakker
Bakker Hay Service Antelope Valley NV
HC 61 Box 195
Battle Mountain, NV 89820

8. PRODUCT NAME

Domestic Well Water

9. LOT OR CODE NUMBER(s)

10. NAME AND ADDRESS OF PRODUCER (If different from 7 above)(Include ZIP code)

11. RESULTS OF ANALYSIS

Analyst : C.L.Ritland (NDOA)

Date of Analysis : 9/24/2009

Analyte

Method of Analysis

Found(µg/L)

Pesticide Screen

NSDA - PST - AM - 003, HPLC-DAD

ND

This sample was analyzed and found to contain no detectable pesticides. See attached analyte list.
ug/L = Parts per billion

Sec.9(a) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended (7 U.S.C. 136g) requires that if an analysis is made of any sample collected in connection with the enforcement of the Act, a copy of the results of such analysis must be furnished promptly to the owner, operator or agent in charge of the establishment where the sample was collected. This section of the Act is quoted on the reverse of this form.

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Christopher J. Mason, Ph.D., Lab Supervisor

PHONE NUMBER

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DATE

10/5/09

ADDRESS OF REGIONAL OFFICE

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350 Capitol Hill Avenue
Reno Nevada 89502



UNITED STATES
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WASHINGTON, DC 20460
REPORT OF ANALYSIS

1. SAMPLE NO. 09150921090501A	2. DATE COLLECTED 09/15/09
3. REGION 09/NV	4. EPA REG. NO.
5. ESTABLISHMENT NO.	

6. DESCRIPTION OF SAMPLE
Domestic well water sample from Section 8 Ranch collected into 1L amber glass jar submitted to NDOA pesticide lab.

7. NAME AND ADDRESS OF ESTABLISHMENT WHERE SAMPLE WAS COLLECTED (Include ZIP Code)	8. PRODUCT NAME Domestic Well Water
<div>Ms. Melissa Bakker Bakker Hay Service Antelope Valley NV HC 61 Box 195 Battle Mountain, NV 89820</div>	9. LOT OR CODE NUMBER(s)

10. NAME AND ADDRESS OF PRODUCER (If different from 7 above)(Include ZIP code)

11. RESULTS OF ANALYSIS

Analyst : C.L.Ritland (NDOA)

Date of Analysis : 9/24/2009

<u>Analyte</u>	<u>Method of Analysis</u>	<u>Found(µg/L)</u>
Pesticide Screen	NSDA - PST - AM - 003, HPLC-DAD	ND

This sample was analyzed and found to contain no detectable pesticides. See attached analyte list.
ug/L = Parts per billion

Sec.9(a) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended (7 U.S.C. 136g) requires that if an analysis is made of any sample collected in connection with the enforcement of the Act, a copy of the results of such analysis must be furnished promptly to the owner, operator or agent in charge of the establishment where the sample was collected. This section of the Act is quoted on the reverse of this form.

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PHONE NUMBER (775)688-1180	DATE 10/5/09	



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REPORT OF ANALYSIS

1. SAMPLE NO. 09150921090601A	2. DATE COLLECTED 09/15/09
3. REGION 09/NV	4. EPA REG. NO.
5. ESTABLISHMENT NO.	

6. DESCRIPTION OF SAMPLE
Domestic well water sample from Demas Ranch collected into 1L amber glass jar submitted to NDOA pesticide lab.

7. NAME AND ADDRESS OF ESTABLISHMENT WHERE SAMPLE WAS COLLECTED (Include ZIP Code)	8. PRODUCT NAME Domestic Well Water
<div>Ms. Melissa Bakker Bakker Hay Service Antelope Valley NV HC 61 Box 195 Battle Mountain, NV 89820</div>	9. LOT OR CODE NUMBER(s)

10. NAME AND ADDRESS OF PRODUCER (If different from 7 above)(Include ZIP code)

11. RESULTS OF ANALYSIS

Analyst : C.L.Ritland (NDOA)

Date of Analysis : 9/24/2009

<u>Analyte</u>	<u>Method of Analysis</u>	<u>Found(µg/L)</u>
Pesticide Screen	NSDA - PST - AM - 003, HPLC-DAD	ND

This sample was analyzed and found to contain no detectable pesticides. See attached analyte list.
ug/L = Parts per billion

Sec.9(a) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended (7 U.S.C. 136g) requires that if an analysis is made of any sample collected in connection with the enforcement of the Act, a copy of the results of such analysis must be furnished promptly to the owner, operator or agent in charge of the establishment where the sample was collected. This section of the Act is quoted on the reverse of this form.

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UNITED STATES
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REPORT OF ANALYSIS

1. SAMPLE NO. 09150921090701A	2. DATE COLLECTED 09/15/09
3. REGION 09/NV	4. EPA REG. NO.
5. ESTABLISHMENT NO.	

6. DESCRIPTION OF SAMPLE

Duplicate Sample. Domestic well sample from Demas Ranch collected into 1L amber glass jar submitted to NDOA pesticide lab.

7. NAME AND ADDRESS OF ESTABLISHMENT WHERE SAMPLE WAS COLLECTED (Include ZIP Code)

Ms. Melissa Bakker
Bakker Hay Service Antelope Valley NV
HC 61 Box 195
Battle Mountain, NV 89820

8. PRODUCT NAME

Domestic Well Water

9. LOT OR CODE NUMBER(s)

10. NAME AND ADDRESS OF PRODUCER (If different from 7 above)(Include ZIP code)

11. RESULTS OF ANALYSIS

Analyst : C.L.Ritland (NDOA)

Date of Analysis : 9/24/2009

Analyte

Method of Analysis

Found(µg/L)

Pesticide Screen

NSDA - PST - AM - 003, HPLC-DAD

ND

This sample was analyzed and found to contain no detectable pesticides. See attached analyte list.
ug/L = Parts per billion

Sec.9(a) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended (7 U.S.C. 136g) requires that if an analysis is made of any sample collected in connection with the enforcement of the Act, a copy of the results of such analysis must be furnished promptly to the owner, operator or agent in charge of the establishment where the sample was collected. This section of the Act is quoted on the reverse of this form.

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NSDA-PST-AM-003 PESTICIDES IN WATER DETECTION LIMITS

<u>COMPOUND</u>	<u>µg/L</u>
Base/Neutrals	
Desisopropyl Atrazine	0.1
Desethyl Atrazine	0.1
Bromacil	0.3
Cyanazine	0.1
Atrazine	0.1
Methidathion	0.4
Metolachlor	0.3
Fenthion	1.0
Disulfoton	3.0
Pendimethalin	0.5
Dimethoate	1.0
Hexazinone	0.1
Simazine	0.1
Prometon	0.1
Methyl Parathion	0.7
Chlorpropham	0.5
Alachlor	0.3
Dacthal	0.2
Trifluralin	0.9
Tebuthiuron	0.5
Metribuzin	0.1
Diuron	0.3
Naled	10.0
Pronamide	0.2
Malathion	1.0
Parathion	0.5
Diazinon	1.0
Chlorpyrifos	0.3
Terbacil	0.8
Azinphos-methyl	0.1
Acetochlor	0.9
Cyfluthrin	0.5
Deltamethrin	0.8
Bifenthrin	0.8
Norflurazon	0.3
Ethoprop	4.0
Propiconazole	0.3
Triallate	0.8
Lambda-Cyhalothrin	0.3
Esfenvalerate	0.2
Oryzalin	0.2
Endosulfan	2.0
Cypermethrin	0.4
Permethrin	0.4
Imidacloprid	0.5

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NSDA-PST-AM-003 PESTICIDES IN WATER DETECTION LIMITS

<u>COMPOUND</u>	<u>µg/L</u>
Acids	
Clopyralid	0.2
Dicamba	0.3
MCPA Acid	0.1
Bromoxynil	0.1
Triclopyr	1.0
2,4,5-T Acid	0.3
MCPB Acid	0.4
Acifluorfen	0.2
Picloram	0.1
Bentazon	0.2
2,4-D Acid	0.2
MCPP Acid	0.2
2,4-DB Acid	0.2
2,4,5-TP Acid	0.2
Dinoseb	0.5
Imazapyr	2.0
Metsulfuron-methyl	2.0
Carbamates	
Aldicarb Sulfoxide	2.0
Methomyl	1.0
Aldicarb	2.0
Carbofuran	0.2
Methiocarb	0.1
Oxamyl	0.7
3-Hydroxy Carbofuran	1.2
Propoxur	0.4
Carbaryl	0.1
Aldicarb Sulfone	1.0

µg/L = parts per billion



UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460
REPORT OF ANALYSIS

1. SAMPLE NO.
09150921090101B

2. DATE COLLECTED
09/15/09

3. REGION
09/NV

4. EPA REG. NO.

5. ESTABLISHMENT NO.

6. DESCRIPTION OF SAMPLE

Domestic well water sample collected into 1L amber glass jar submitted to Alpha Analytical, Inc.

7. NAME AND ADDRESS OF ESTABLISHMENT WHERE SAMPLE WAS COLLECTED (Include ZIP Code)

Mr. Dennis Jamason
Dennis Jamason Farm - Antelope Valley NV
P.O. Box 85
Floriston, CA 96111

8. PRODUCT NAME

Domestic Well Water

9. LOT OR CODE NUMBER(s)

10. NAME AND ADDRESS OF PRODUCER (If different from 7 above)(Include ZIP code)

11. RESULTS OF ANALYSIS

Analyst : Alpha Analytical Inc.

Date of Analysis : 9/24/2009

Analyte

Method of Analysis

Found(µg/L)

Organochlorine
Pesticides

EPA Method SW8081A

ND

This sample was analyzed and found to contain no detectable pesticides. See attached analyte list.
ug/L = Parts per billion

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NAME AND TITLE OF EPA OFFICIAL

Christopher J. Mason, Ph.D., Lab Supervisor

ADDRESS OF REGIONAL OFFICE

Nevada Department of Agriculture
350 Capitol Hill Avenue
Reno Nevada 89502

PHONE NUMBER

(775)688-1180

DATE

10/5/09



Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778

(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

Nevada State Dept. of Agriculture
405 S. 21st Street
Sparks, NV 89431
Job:

Attn: Sharryn Cohen
Phone: (775) 353-3780
Fax: (775) 353-3636

Alpha Analytical Number: NDA09091824-01A
Client I.D. Number: H2O Samp 091509-0101B

Sampled: 09/15/09 00:00
Received: 09/18/09
Extracted: 09/24/09
Analyzed: 09/24/09

Organochlorine Pesticides EPA Method SW8081A

	Compound	Concentration	Reporting Limit
1	alpha-BHC	ND	0.050 µg/L
2	gamma-BHC (Lindane)	ND	0.050 µg/L
3	beta-BHC	ND	0.050 µg/L
4	delta-BHC	ND	0.050 µg/L
5	Heptachlor	ND	0.050 µg/L
6	Aldrin	ND	0.050 µg/L
7	Heptachlor epoxide	ND	0.050 µg/L
8	Endosulfan I	ND	0.050 µg/L
9	4,4'-DDE	ND	0.10 µg/L
10	Dieldrin	ND	0.10 µg/L
11	Endrin	ND	0.10 µg/L
12	4,4'-DDD	ND	0.10 µg/L
13	Endosulfan II	ND	0.10 µg/L
14	Endrin aldehyde	ND	0.10 µg/L
15	4,4'-DDT	ND	0.10 µg/L
16	Endosulfan sulfate	ND	0.10 µg/L
17	Methoxychlor	ND	0.50 µg/L
18	Endrin ketone	ND	0.10 µg/L
19	Toxaphene	ND	5.0 µg/L
20	Chlordane (Technical)	ND	1.0 µg/L
21	Surr: Tetrachloro-m-xylene	80	(26-130) %REC
22	Surr: Decachlorobiphenyl	92	(31-141) %REC

Sample data was verified by second column confirmation.

Note: Endrin breakdown was 20.6% with a method criteria of ≤ 15%.

ND = Not Detected

Roger Scholl

Randy Gardner

Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAP unless footnoted otherwise.

Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

10/1/09

Report Date

Page 1 of 1



UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460
REPORT OF ANALYSIS

1. SAMPLE NO.
09150921090201B

2. DATE COLLECTED
09/15/09

3. REGION
09/NV

4. EPA REG. NO.

5. ESTABLISHMENT NO.

6. DESCRIPTION OF SAMPLE

Domestic well water sample collected into 1L amber glass jar submitted to Alpha Analytical, Inc.

7. NAME AND ADDRESS OF ESTABLISHMENT WHERE SAMPLE WAS COLLECTED (Include ZIP Code)

Mr. Dennis Jamason
Dennis Jamason Farm - Antelope Valley NV
P.O. Box 85
Floriston, CA 96111

8. PRODUCT NAME

Domestic Well Water

A9

9. LOT OR CODE NUMBER(s)

10. NAME AND ADDRESS OF PRODUCER (If different from 7 above)(Include ZIP code)

11. RESULTS OF ANALYSIS

Analyst : Alpha Analytical Inc.

Date of Analysis : 9/24/2009

Analyte

Method of Analysis

Found(µg/L)

Organochlorine
Pesticides

EPA Method SW8081A

ND

This sample was analyzed and found to contain no detectable pesticides. See attached analyte list.
ug/L = Parts per billion

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ADDRESS OF REGIONAL OFFICE

Nevada Department of Agriculture
350 Capitol Hill Avenue
Reno Nevada 89502

PHONE NUMBER

(775)688-1180

DATE

10/5/09



Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

Nevada State Dept. of Agriculture
405 S. 21st Street
Sparks, NV 89431
Job:

Attn: Sharryn Cohen
Phone: (775) 353-3780
Fax: (775) 353-3636

Alpha Analytical Number: NDA09091824-02A
Client I.D. Number: H2O Samp 091509-0201B

Sampled: 09/15/09 00:00
Received: 09/18/09
Extracted: 09/24/09
Analyzed: 09/24/09

Organochlorine Pesticides EPA Method SW8081A

	Compound	Concentration	Reporting Limit
1	alpha-BHC	ND	0.050 µg/L
2	gamma-BHC (Lindane)	ND	0.050 µg/L
3	beta-BHC	ND	0.050 µg/L
4	delta-BHC	ND	0.050 µg/L
5	Heptachlor	ND	0.050 µg/L
6	Aldrin	ND	0.050 µg/L
7	Heptachlor epoxide	ND	0.050 µg/L
8	Endosulfan I	ND	0.050 µg/L
9	4,4'-DDE	ND	0.10 µg/L
10	Dieldrin	ND	0.10 µg/L
11	Endrin	ND	0.10 µg/L
12	4,4'-DDD	ND	0.10 µg/L
13	Endosulfan II	ND	0.10 µg/L
14	Endrin aldehyde	ND	0.10 µg/L
15	4,4'-DDT	ND	0.10 µg/L
16	Endosulfan sulfate	ND	0.10 µg/L
17	Methoxychlor	ND	0.50 µg/L
18	Endrin ketone	ND	0.10 µg/L
19	Toxaphene	ND	5.0 µg/L
20	Chlordane (Technical)	ND	1.0 µg/L
21	Surr: Tetrachloro-m-xylene	80	(26-130) %REC
22	Surr: Decachlorobiphenyl	96	(31-141) %REC

Sample data was verified by second column confirmation.

Note: Endrin breakdown was 20.6% with a method criteria of ≤ 15%.

ND = Not Detected

Roger Scholl *Randy Gardner* *Walter Hinchman*
Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAP unless footnoted otherwise.

Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

10/1/09

Report Date

Page 1 of 1



UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460
REPORT OF ANALYSIS

1. SAMPLE NO.
09150921090301B

2. DATE COLLECTED
09/15/09

3. REGION
09/NV

4. EPA REG. NO.

5. ESTABLISHMENT NO.

6. DESCRIPTION OF SAMPLE

Domestic well water sample from Bakker residence collected into 1L amber glass jar submitted to Alpha Analytical, Inc.

7. NAME AND ADDRESS OF ESTABLISHMENT WHERE SAMPLE WAS COLLECTED (Include ZIP Code)

Ms. Melissa Bakker
Bakker Hay Service Antelope Valley NV
HC 61 Box 195
Battle Mountain, NV 89820

8. PRODUCT NAME

Domestic Well Water

9. LOT OR CODE NUMBER(s)

10. NAME AND ADDRESS OF PRODUCER (if different from 7 above)(Include ZIP code)

11. RESULTS OF ANALYSIS

Analyst : Alpha Analytical Inc.

Date of Analysis : 9/24/2009

Analyte

Method of Analysis

Found(µg/L)

Organochlorine
Pesticides

EPA Method SW8081A

ND

This sample was analyzed and found to contain no detectable pesticides. See attached analyte list.
ug/L = Parts per billion

Sec.9(a) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended (7 U.S.C. 136g) requires that if an analysis is made of any sample collected in connection with the enforcement of the Act, a copy of the results of such analysis must be furnished promptly to the owner, operator or agent in charge of the establishment where the sample was collected. This section of the Act is quoted on the reverse of this form.

The information contained in this report should not be used in the labeling, advertising, or other promotion of the product analyzed.

Additional information regarding results of analysis may be obtained from the individual listed below.

NAME AND TITLE OF EPA OFFICIAL

Christopher J. Mason, Ph.D., Lab Supervisor

ADDRESS OF REGIONAL OFFICE

Nevada Department of Agriculture
350 Capitol Hill Avenue
Reno Nevada 89502

PHONE NUMBER

(775)688-1180

DATE

10/5/09



Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

Nevada State Dept. of Agriculture
405 S. 21st Street
Sparks, NV 89431
Job:

Attn: Sharryn Cohen
Phone: (775) 353-3780
Fax: (775) 353-3636

Alpha Analytical Number: NDA09091824-03A
Client I.D. Number: H2O Samp 091509-0301B

Sampled: 09/15/09 00:00
Received: 09/18/09
Extracted: 09/24/09
Analyzed: 09/24/09

Organochlorine Pesticides EPA Method SW8081A

	Compound	Concentration	Reporting Limit
1	alpha-BHC	ND	0.050 µg/L
2	gamma-BHC (Lindane)	ND	0.050 µg/L
3	beta-BHC	ND	0.050 µg/L
4	delta-BHC	ND	0.050 µg/L
5	Heptachlor	ND	0.050 µg/L
6	Aldrin	ND	0.050 µg/L
7	Heptachlor epoxide	ND	0.050 µg/L
8	Endosulfan I	ND	0.050 µg/L
9	4,4'-DDE	ND	0.10 µg/L
10	Dieldrin	ND	0.10 µg/L
11	Endrin	ND	0.10 µg/L
12	4,4'-DDD	ND	0.10 µg/L
13	Endosulfan II	ND	0.10 µg/L
14	Endrin aldehyde	ND	0.10 µg/L
15	4,4'-DDT	ND	0.10 µg/L
16	Endosulfan sulfate	ND	0.10 µg/L
17	Methoxychlor	ND	0.50 µg/L
18	Endrin ketone	ND	0.10 µg/L
19	Toxaphene	ND	5.0 µg/L
20	Chlordane (Technical)	ND	1.0 µg/L
21	Surr: Tetrachloro-m-xylene	82	(26-130) %REC
22	Surr: Decachlorobiphenyl	98	(31-141) %REC

Sample data was verified by second column confirmation.

Note: Endrin breakdown was 20.6% with a method criteria of ≤ 15%.

ND = Not Detected

Roger Scholl

Randy Gardner

Walter Hirschman

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hirschman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / info@alpha-analytical.com

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10/1/09

Report Date

Page 1 of 1



UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460
REPORT OF ANALYSIS

1. SAMPLE NO.
09150921090401B

2. DATE COLLECTED
09/15/09

3. REGION
09/NV

4. EPA REG. NO.

5. ESTABLISHMENT NO.

6. DESCRIPTION OF SAMPLE

Domestic well water sample from 440 Ranch collected into 1L amber glass jar submitted to Alpha Analytical, Inc.

7. NAME AND ADDRESS OF ESTABLISHMENT WHERE SAMPLE WAS COLLECTED (Include ZIP Code)

Ms. Melissa Bakker
Bakker Hay Service Antelope Valley NV
HC 61 Box 195
Battle Mountain, NV 89820

8. PRODUCT NAME

Domestic Well Water

9. LOT OR CODE NUMBER(s)

10. NAME AND ADDRESS OF PRODUCER (If different from 7 above)(Include ZIP code)

11. RESULTS OF ANALYSIS

Analyst : Alpha Analytical Inc.

Date of Analysis : 9/24/2009

Analyte

Method of Analysis

Found(µg/L)

Organochlorine
Pesticides

EPA Method SW8081A

ND

This sample was analyzed and found to contain no detectable pesticides. See attached analyte list.
ug/L = Parts per billion

Sec.9(a) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended (7 U.S.C. 136g) requires that if an analysis is made of any sample collected in connection with the enforcement of the Act, a copy of the results of such analysis must be furnished promptly to the owner, operator or agent in charge of the establishment where the sample was collected. This section of the Act is quoted on the reverse of this form.

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Additional information regarding results of analysis may be obtained from the individual listed below.

NAME AND TITLE OF EPA OFFICIAL

Christopher J. Mason, Ph.D., Lab Supervisor

ADDRESS OF REGIONAL OFFICE

Nevada Department of Agriculture
350 Capitol Hill Avenue
Reno Nevada 89502

PHONE NUMBER

(775)688-1180

DATE

10/5/09



Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

Nevada State Dept. of Agriculture
405 S. 21st Street
Sparks, NV 89431
Job:

Attn: Sharryn Cohen
Phone: (775) 353-3780
Fax: (775) 353-3636

Alpha Analytical Number: NDA09091824-04A
Client I.D. Number: H2O Samp 091509-0401B

Sampled: 09/15/09 00:00
Received: 09/18/09
Extracted: 09/24/09
Analyzed: 09/24/09

Organochlorine Pesticides EPA Method SW8081A

	Compound	Concentration	Reporting Limit
1	alpha-BHC	ND	0.050 µg/L
2	gamma-BHC (Lindane)	ND	0.050 µg/L
3	beta-BHC	ND	0.050 µg/L
4	delta-BHC	ND	0.050 µg/L
5	Heptachlor	ND	0.050 µg/L
6	Aldrin	ND	0.050 µg/L
7	Heptachlor epoxide	ND	0.050 µg/L
8	Endosulfan I	ND	0.050 µg/L
9	4,4'-DDE	ND	0.10 µg/L
10	Dieldrin	ND	0.10 µg/L
11	Endrin	ND	0.10 µg/L
12	4,4'-DDD	ND	0.10 µg/L
13	Endosulfan II	ND	0.10 µg/L
14	Endrin aldehyde	ND	0.10 µg/L
15	4,4'-DDT	ND	0.10 µg/L
16	Endosulfan sulfate	ND	0.10 µg/L
17	Methoxychlor	ND	0.50 µg/L
18	Endrin ketone	ND	0.10 µg/L
19	Toxaphene	ND	5.0 µg/L
20	Chlordane (Technical)	ND	1.0 µg/L
21	Surr: Tetrachloro-m-xylene	82	(26-130) %REC
22	Surr: Decachlorobiphenyl	98	(31-141) %REC

Sample data was verified by second column confirmation.

Note: Endrin breakdown was 20.6% with a method criteria of ≤ 15%.

ND = Not Detected

Roger Scholl *Randy Gerdner* *Walter Hinchman*
Roger L. Scholl, Ph.D., Laboratory Director • Randy Gerdner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / info@alpha-analytical.com

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10/1/09

Report Date

Page 1 of 1



UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460
REPORT OF ANALYSIS

1. SAMPLE NO.
09150921090501B

2. DATE COLLECTED
09/15/09

3. REGION
09/NV

4. EPA REG. NO.

5. ESTABLISHMENT NO.

6. DESCRIPTION OF SAMPLE

Domestic well water sample from Section 8 Ranch collected into 1L amber glass jar submitted to Alpha Analytical, Inc.

7. NAME AND ADDRESS OF ESTABLISHMENT WHERE SAMPLE WAS COLLECTED (Include ZIP Code)

Ms. Melissa Bakker
Bakker Hay Service Antelope Valley NV
HC 61 Box 195
Battle Mountain, NV 89820

8. PRODUCT NAME

Domestic Well Water

9. LOT OR CODE NUMBER(s)

10. NAME AND ADDRESS OF PRODUCER (If different from 7 above)(Include ZIP code)

11. RESULTS OF ANALYSIS

Analyst : Alpha Analytical Inc.

Date of Analysis : 9/24/2009

Analyte

Method of Analysis

Found(µg/L)

Organochlorine
Pesticides

EPA Method SW8081A

ND

This sample was analyzed and found to contain no detectable pesticides. See attached analyte list.
ug/L = Parts per billion

Sec.9(a) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended (7 U.S.C. 136g) requires that if an analysis is made of any sample collected in connection with the enforcement of the Act, a copy of the results of such analysis must be furnished promptly to the owner, operator or agent in charge of the establishment where the sample was collected. This section of the Act is quoted on the reverse of this form.

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Additional information regarding results of analysis may be obtained from the individual listed below.

NAME AND TITLE OF EPA OFFICIAL

Christopher J. Mason, Ph.D., Lab Supervisor

ADDRESS OF REGIONAL OFFICE

Nevada Department of Agriculture
350 Capitol Hill Avenue
Reno Nevada 89502

PHONE NUMBER

(775)688-1180

DATE

10/5/09



Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

Nevada State Dept. of Agriculture
405 S. 21st Street
Sparks, NV 89431
Job:

Attn: Sharryn Cohen
Phone: (775) 353-3780
Fax: (775) 353-3636

Alpha Analytical Number: NDA09091824-05A
Client I.D. Number: H2O Samp 091509-0501B

Sampled: 09/15/09 00:00
Received: 09/18/09
Extracted: 09/24/09
Analyzed: 09/24/09

Organochlorine Pesticides EPA Method SW8081A

Compound	Concentration	Reporting Limit
1 alpha-BHC	ND	0.050 µg/L
2 gamma-BHC (Lindane)	ND	0.050 µg/L
3 beta-BHC	ND	0.050 µg/L
4 delta-BHC	ND	0.050 µg/L
5 Heptachlor	ND	0.050 µg/L
6 Aldrin	ND	0.050 µg/L
7 Heptachlor epoxide	ND	0.050 µg/L
8 Endosulfan I	ND	0.050 µg/L
9 4,4'-DDE	ND	0.10 µg/L
10 Dieldrin	ND	0.10 µg/L
11 Endrin	ND	0.10 µg/L
12 4,4'-DDD	ND	0.10 µg/L
13 Endosulfan II	ND	0.10 µg/L
14 Endrin aldehyde	ND	0.10 µg/L
15 4,4'-DDT	ND	0.10 µg/L
16 Endosulfan sulfate	ND	0.10 µg/L
17 Methoxychlor	ND	0.50 µg/L
18 Endrin ketone	ND	0.10 µg/L
19 Toxaphene	ND	5.0 µg/L
20 Chlordane (Technical)	ND	1.0 µg/L
21 Surr: Tetrachloro-m-xylene	80	(26-130) %REC
22 Surr: Decachlorobiphenyl	96	(31-141) %REC

Sample data was verified by second column confirmation.

Note: Endrin breakdown was 20.6% with a method criteria of ≤ 15%.

ND = Not Detected

Roger Scholl *Randy Gardner* *Walter Hinchman*
Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAP unless footnoted otherwise.

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10/1/09

Report Date

Page 1 of 1



UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460
REPORT OF ANALYSIS

1. SAMPLE NO. 09150921090601B	2. DATE COLLECTED 09/15/09
3. REGION 09/NV	4. EPA REG. NO.
5. ESTABLISHMENT NO.	

6. DESCRIPTION OF SAMPLE
Domestic well water sample from Demas Ranch collected into 1L amber glass jar submitted to Alpha Analytical, Inc.

7. NAME AND ADDRESS OF ESTABLISHMENT WHERE SAMPLE WAS COLLECTED (Include ZIP Code)	8. PRODUCT NAME Domestic Well Water
<div>Ms. Melissa Bakker Bakker Hay Service Antelope Valley NV HC 61 Box 195 Battle Mountain, NV 89820</div>	9. LOT OR CODE NUMBER(s)

10. NAME AND ADDRESS OF PRODUCER (If different from 7 above)(Include ZIP code)

11. RESULTS OF ANALYSIS

Analyst : Alpha Analytical Inc.

Date of Analysis : 9/24/2009

<u>Analyte</u>	<u>Method of Analysis</u>	<u>Found(µg/L)</u>
Organochlorine Pesticides	EPA Method SW8081A	ND

This sample was analyzed and found to contain no detectable pesticides. See attached analyte list.
ug/L = Parts per billion

Sec.9(a) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended (7 U.S.C. 136g) requires that if an analysis is made of any sample collected in connection with the enforcement of the Act, a copy of the results of such analysis must be furnished promptly to the owner, operator or agent in charge of the establishment where the sample was collected. This section of the Act is quoted on the reverse of this form.

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Additional information regarding results of analysis may be obtained from the individual listed below.

NAME AND TITLE OF EPA OFFICIAL Christopher J. Mason, Ph.D., Lab Supervisor		ADDRESS OF REGIONAL OFFICE Nevada Department of Agriculture 350 Capitol Hill Avenue Reno Nevada 89502
PHONE NUMBER (775)688-1180	DATE 10/5/09	



Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

Nevada State Dept. of Agriculture
405 S. 21st Street
Sparks, NV 89431
Job:

Attn: Sharryn Cohen
Phone: (775) 353-3780
Fax: (775) 353-3636

Alpha Analytical Number: NDA09091824-06A
Client I.D. Number: H2O Samp 091509-0601B

Sampled: 09/15/09 00:00
Received: 09/18/09
Extracted: 09/24/09
Analyzed: 09/24/09

Organochlorine Pesticides EPA Method SW8081A

	Compound	Concentration	Reporting Limit
1	alpha-BHC	ND	0.050 µg/L
2	gamma-BHC (Lindane)	ND	0.050 µg/L
3	beta-BHC	ND	0.050 µg/L
4	delta-BHC	ND	0.050 µg/L
5	Heptachlor	ND	0.050 µg/L
6	Aldrin	ND	0.050 µg/L
7	Heptachlor epoxide	ND	0.050 µg/L
8	Endosulfan I	ND	0.050 µg/L
9	4,4'-DDE	ND	0.10 µg/L
10	Dieldrin	ND	0.10 µg/L
11	Endrin	ND	0.10 µg/L
12	4,4'-DDD	ND	0.10 µg/L
13	Endosulfan II	ND	0.10 µg/L
14	Endrin aldehyde	ND	0.10 µg/L
15	4,4'-DDT	ND	0.10 µg/L
16	Endosulfan sulfate	ND	0.10 µg/L
17	Methoxychlor	ND	0.50 µg/L
18	Endrin ketone	ND	0.10 µg/L
19	Toxaphene	ND	5.0 µg/L
20	Chlordane (Technical)	ND	1.0 µg/L
21	Surr: Tetrachloro-m-xylene	86	(26-130) %REC
22	Surr: Decachlorobiphenyl	98	(31-141) %REC

Sample data was verified by second column confirmation.

Note: Endrin breakdown was 20.6% with a method criteria of ≤ 15%.

ND = Not Detected

Roger Scholl *Randy Gardner* *Walter Hinchman*
Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / info@alpha-analytical.com

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Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

10/1/09

Report Date

Page 1 of 1



UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460
REPORT OF ANALYSIS

1. SAMPLE NO.
09150921090701B

2. DATE COLLECTED
09/15/09

3. REGION
09/NV

4. EPA REG. NO.

5. ESTABLISHMENT NO.

6. DESCRIPTION OF SAMPLE

Duplicate Sample. Domestic well sample from Demas Ranch collected into 1L amber glass jar submitted to Alpha Analytical, Inc.

7. NAME AND ADDRESS OF ESTABLISHMENT WHERE SAMPLE WAS COLLECTED (Include ZIP Code)

Ms. Melissa Bakker
Bakker Hay Service Antelope Valley NV
HC 61 Box 195
Battle Mountain, NV 89820

8. PRODUCT NAME

Domestic Well Water

9. LOT OR CODE NUMBER(S)

10. NAME AND ADDRESS OF PRODUCER (If different from 7 above)(Include ZIP code)

11. RESULTS OF ANALYSIS

Analyst : Alpha Analytical Inc.

Date of Analysis : 9/24/2009

Analyte

Method of Analysis

Found(µg/L)

Organochlorine
Pesticides

EPA Method SW8081A

ND

This sample was analyzed and found to contain no detectable pesticides. See attached analyte list.
ug/L = Parts per billion

Sec.9(a) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended (7 U.S.C. 136g) requires that if an analysis is made of any sample collected in connection with the enforcement of the Act, a copy of the results of such analysis must be furnished promptly to the owner, operator or agent in charge of the establishment where the sample was collected. This section of the Act is quoted on the reverse of this form.

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Additional information regarding results of analysis may be obtained from the individual listed below.

NAME AND TITLE OF EPA OFFICIAL

Christopher J. Mason, Ph.D., Lab Supervisor

ADDRESS OF REGIONAL OFFICE

Nevada Department of Agriculture
350 Capitol Hill Avenue
Reno Nevada 89502

PHONE NUMBER

(775)688-1180

DATE

10/5/09



Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

Nevada State Dept. of Agriculture
405 S. 21st Street
Sparks, NV 89431
Job:

Attn: Sharryn Cohen
Phone: (775) 353-3780
Fax: (775) 353-3636

Alpha Analytical Number: NDA09091824-07A
Client I.D. Number: H2O Samp 091509-0701B

Sampled: 09/15/09 00:00
Received: 09/18/09
Extracted: 09/24/09
Analyzed: 09/24/09

Organochlorine Pesticides EPA Method SW8081A

	Compound	Concentration	Reporting Limit
1	alpha-BHC	ND	0.050 µg/L
2	gamma-BHC (Lindane)	ND	0.050 µg/L
3	beta-BHC	ND	0.050 µg/L
4	delta-BHC	ND	0.050 µg/L
5	Heptachlor	ND	0.050 µg/L
6	Aldrin	ND	0.050 µg/L
7	Heptachlor epoxide	ND	0.050 µg/L
8	Endosulfan I	ND	0.050 µg/L
9	4,4'-DDE	ND	0.10 µg/L
10	Dieldrin	ND	0.10 µg/L
11	Endrin	ND	0.10 µg/L
12	4,4'-DDD	ND	0.10 µg/L
13	Endosulfan II	ND	0.10 µg/L
14	Endrin aldehyde	ND	0.10 µg/L
15	4,4'-DDT	ND	0.10 µg/L
16	Endosulfan sulfate	ND	0.10 µg/L
17	Methoxychlor	ND	0.50 µg/L
18	Endrin ketone	ND	0.10 µg/L
19	Toxaphene	ND	5.0 µg/L
20	Chlordane (Technical)	ND	1.0 µg/L
21	Surr: Tetrachloro-m-xylene	90	(26-130) %REC
22	Surr: Decachlorobiphenyl	102	(31-141) %REC

Sample data was verified by second column confirmation.

Note: Endrin breakdown was 20.6% with a method criteria of ≤ 15%.

ND = Not Detected

Roger Scholl

Randy Gardner

Walter Hinckman

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinckman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / info@alpha-analytical.com

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10/1/09

Report Date

Page 1 of 1

	Date	Sample Number	Site	County	Lat	Long	
1	9/15/2009	9150921090101A	Jamason Domestic	LA	40.01234	-117.39838	Water sample collected directly from well located in abandon alfalfa field
2	9/15/2009	9150921090101B	Jamason Domestic	LA			Ag well located at the edge of 120 acre field currently in alfalfa; pesticides injected through pivot; none being applied during inspection; water sample collected directly from well
3	9/15/2009	9150921090201A	Jamason Ag. Well	LA	40.01207	-117.40899	
4	9/15/2009	9150921090201B	Jamason Ag. Well	LA			Alfalfa field 15' to West; pesticides applied to alfalfa include hexazinone; water collected directly from we
5	9/15/2009	9150921090301A	Bakker Domestic	LA	39.98286	-117.40315	Water sample collected 1/4 mile from wellhead
6	9/15/2009	9150921090301B	Bakker Domestic	LA			
7	9/15/2009	9150921090401A	440 Ranch Domestic	LA	40.04663	-117.35892	Water sample collected 15' S. of wellhead
8	9/15/2009	9150921090401B	440 Ranch Domestic	LA			
9	9/15/2009	9150921090501A	Section 8 Ranch Domestic	LA	40.05226	-117.28278	Water sample collected 100' SW of well
10	9/15/2009	9150921090501B	Section 8 Ranch Domestic	LA			
11	9/15/2009	9150921090601A	Demas Domestic	LA	40.03991	-117.26243	Carbaryl stored in well house; advised against that; water collected
12	9/15/2009	9150921090601B	Demas Domestic	LA			
13	9/15/2009	9150921090701A	Demas Domestic (duplicate)	LA			QA/QC duplicate sample
14	9/15/2009	9150921090701B	Demas Domestic (duplicate)	LA			

Antelope Valley sampling was done at the request of two citizens Jamason and Bakker. All samples were collected by Jon Carpenter, Environmental Scientist II, Nevada Department of Agriculture on September 15, 2009. The valley is a historical agricultural production region located in Lander County Nevada. The predominant crop is alfalfa grown for hay however other crops no longer produced include potatoes and routine pest management procedure include the application of pesticides.